

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch

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Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.28**WELDING INSPECTION REPORT****Resident Engineer:**Siegenthaler, Peter**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-019773**Date Inspected:** 25-Jan-2011**Project Name:** SAS Superstructure**OSM Arrival Time:** 1500**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 300**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China**CWI Name:** See Below**CWI Present:** Yes No**Inspected CWI report:** Yes No N/A**Rod Oven in Use:** Yes No N/A**Electrode to specification:** Yes No N/A**Weld Procedures Followed:** Yes No N/A**Qualified Welders:** Yes No N/A**Verified Joint Fit-up:** Yes No N/A**Approved Drawings:** Yes No N/A**Approved WPS:** Yes No N/A**Delayed / Cancelled:** Yes No N/A**Bridge No:** 34-0006**Component:** OBG**Summary of Items Observed:**

Summary of Items Observed: On this date Caltrans OSM Quality Assurance (QA) Inspector, Mike Hasler was present during the times noted above for observations and testing relative to the work being performed.

Bay 8

This QA inspector performed a random observation for the OBG. During the observation performed it was noted that at Bay 8, ZPMC was in process of welding on bike path assembly welds. ZPMC QC inspector Liu Chuan Gang was present at this time of this observation and informed this QA inspector of the work that is in process, and identified Liu Fa Wen as the CWI. It was stated that ZPMC had 1 welder and identified the welder by ZPMC welder identification number appointed to then by ZPMC. This QA inspector verified this information for the following location;

Weld-BK004A2-063-014, 015, 020

WPS-B-P-2112-Plug

Welder-066155

Flat/SMAW

Bay 3

This QA inspector performed a random observation for the OBG. During the observation performed it was noted that at Bay 3, ZPMC was welding on Architectural Housing assembly AH3151A. ZPMC QC inspector Zhang Ya Xu was present at this time of this observation and informed this QA inspector of the work that is in process, and identified Li Zhi Jiang as the CWI. It was stated that ZPMC had 1 welder and identified the welder by ZPMC

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welder identification number appointed to then by ZPMC. This QA inspector verified this information for the following location;

Weld-AH3151-112, 113

WPS-B-P-2113

Welder-058102

3F/SMAW

Bay 10

This QA inspector performed a random observation for the OBG. During the observation performed it was noted that at Bay 10 ZPMC was in process of welding traveler rail weld repair (WR14292, WR14293, WR14294, WR14295). ZPMC QC inspector Li Jun was present at this time of this observation and informed this QA inspector of the work that is in process, and identified Guo Yan Fei as the CWI. It was stated that ZPMC had 8 welders and identified the welders by ZPMC welder identification number appointed to then by ZPMC. This QA inspector verified this information for the following location;

WR14292

Weld-20TR2-030-009

WPS-345-SMAW-1G(1F)-Repair

Welder-040365, 056200

1G/CJP/SMAW

WR14293

Weld-20TR2-030-013

WPS-345-SMAW-1G(1F)-Repair

Welder-056364, 042336

1G/CJP/SMAW

WR14294

Weld-20TR2-030-015

WPS-345-SMAW-1G(1F)-Repair

Welder-044525, 057220

1G/CJP/SMAW

WR14295

Weld-20TR2-030-017

WPS-345-SMAW-1G(1F)-Repair

Welder-040581, 500363

1G/CJP/SMAW

Unless otherwise noted, all work observed on this date appeared to generally comply with applicable contract documents.

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Summary of Conversations:

“As noted within the contents of this report.”

Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact , who represents the Office of Structural Materials for your project.

Inspected By:	Hasler,Mike	Quality Assurance Inspector
Reviewed By:	Riley,Ken	QA Reviewer
